

Form PTO-1449 U.S. DEPARTMENT OF COMMERCE (REV.7-80) PATENT AND TRADEMARK OFFICE				Atty. Docket No. PHJ 99-024		Serial No.	
				Applicant HIRANO ET AL			
				Filing Date CONCURRENTLY		Group	
INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)							
<b>U.S. PATENT DOCUMENTS</b>							
Ex. Int.		Document Number	Date	Name	Class	Sub- class	Filing Date If Approp.
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
<b>FOREIGN PATENT DOCUMENTS</b>							
		Document Number	Date	Country	Class	Sub- class	Trans. Yes No
	AG						
	AH						
	AI						
	AJ						
	AK						
<b>OTHER (Including Author, Title, Date, Pertinent Pages, Etc.)</b>							
DD	AL	Japanese Patent Application Laid-Open No. 10998/1998					
	AM						
	AN						
Examiner <i>Dec. Clark</i>				Date Considered <i>7-9-04</i>			
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP Draw line through citation if not in conformance and not considered. Include a copy this form with next communication to applicant.							



Form PTO-100  
U.S. DEPARTMENT OF  
COMMERCE  
(REV. 7-80) PATENT AND TRADEMARK OFFICE

Atty. Docket No.  
PHJ 99,024

Serial No.  
09/889,090

Applicant  
SATOSHI HIRANO ET AL

Filing Date  
JJULY 11, 2001

Group

**INFORMATION DISCLOSURE CITATION**  
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**U.S. PATENT DOCUMENTS**

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	AA						
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	AF						

**FOREIGN PATENT DOCUMENTS**

		Document Number	Date	Country	Class	Sub- class	Trans.
							Yes No
DD	AG	0 5 4 1 2 9 5 A 2	10/1992	EUROPE	G09G		
	AH						
	AI						
	AJ						
	AK						

**OTHER** (Including Author, Title, Date, Pertinent Pages, Etc.)

DD	AL	PATENT ABSTRACTS OF JAPAN, VOL 1995, NO. 09, 10/1995 & JP 07 152144 A (NEC CORP), 6/1995, ABSTRACT
	AM	
	AN	

Examiner

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Date Considered

7/7/04

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